DATE: January 24, 2020

TO: Taxpayer

FROM: Contra Costa County Assessor Office

SUBJECT: 2019-2020 VALUATION GUIDELINES

Enclosed are the 2020-2021 Valuation Guidelines used for the assessment of capital assets in Contra Costa County. Factors are derived based on information published by the California Assessor's Association. Variations of these schedules may be used when circumstances warrant such action.

Individual table designations are on pages 1 and 2.

Factor Tables Chart (By Equipment Type) Lien Date 2020

Category	Table	Category	Table
Aerospace (Airframe)	A3	Chemicals and Allied Products Mfg.	A4
Agriculture/Farm	C10	Circuit Board Mfg.	A1
Agriculture/Mobile (New/Used/Avg) -Except Harv.	C20/C21/C27	Cocktail Lounges/Bars/Saloons	C5
Agriculture/Mobile (New/Used/Avg) - Harvesters	C28/C29/C30	Cogeneration (Power Plants)	A6
Airlines - Commercial	16 or 20 Yr - SL	Computers - LAN & Mainframe	C18
Amusement (Miniature Golf/Race Car/Cages)	C4	Computers - Personal	C19
Amusement (Theme Parks)	C6	Construction/Demolition Contractor	C11
Apartment Equipment/Furniture	C3	Construction Mobile (New/Used/Avg)	C12/C13/C26
Apparel Mfg.	A3	Copiers (Document Processor Equipment)	C25
ATM (Automatic Teller Machines)	C4	Cotton Gins	C10
ATM (w/ Enclosures)	C5	Dairies	C10
Automotive Repair-Service	C4	Dental Lab	C5
Bakeries- Small	C6	Dentists	C5
Bakeries - Large	C6	Drug/Pharmaceutical Mfg.	A3
Bank (Counter/Teller Lines/Fixtures)	C6	Dry Cleaners (Commercial)	C6
Bank (Carpets/Drapes)	C3	Electronic Equipment Mfg.	A2
Bank (TV/Camera/Sgns)	C4	Fabricated Metal Products Mfg. Suppliers	A4
Bank (Drive-Up Windows)	C7	Facsimile	U6
Bank (Vault Doors/Night Dep.)	C9	Food Processing	A4
Barber Shop	C5	Forklifts	A2
Batch Plants Concrete/Ashpalt	A6	Furniture Mfg./Wood Working	A4
Beauty Salon	C5	Gas Cylinders (other than Propane)	C7
Billboards	***	Gas Distribution (Except Gas Cylinders)	A4
Billiard Rooms	C6	Glass and Glass Product Mfg.	A4
Biotech- M & E	C14	Glass Bottle Forming Equipment	A1
Biotech - Other Eq/Fixtures	C15	Golf Carts	C2
Biotceh - Tools, Molds, Dies, Jigs	C16	Grocery Stores- Convenience (Ex Gasoline Svc)	C5
Blue Printing/Map Making	A3	Grocery Stores - Supermarkets	C5
Book Binders	A4	Health Clubs (Athletic Clubs)	C4
Bottling Plants (Other than Breweries)	A4	Hospitals	C5
Bowling Alleys	C6	Hotels & Motels Furnishings	C3
Breweries	A4	Ice Plant	A4
Brick, Pipe, Terra Cotta & Tile Manufacturing	A5	Janitorial Maintenance Service	C3
Cable Equipment (Distribution)	* U6/U10	Laboratory Equipment	C4
Canneries	A5	Laundries - Coin Operated	C4
Casino - Electronic Slot Machines	C33	Laundries - Commercial	C6
Casino - Manual Slot & Other Gaming Eq	C34	Mach & Equip Commercial Generic-Standard	C5
Car Wash	C5	Mach & Equip Commercial Generic-Heavy	C6
Cargo Containers	C7	Mach & Equip Industrial -Generic	A4
Cell Phone Tower	C8	Machines Shops (Incl. CNC Equip)	A3
Cement Manufacturing	A10	Mailing & Shipping Services - Large (UPS)	C6

Categories in BOLD indicate New Category or Factor Table Change for 2020-2021

^{***} See current CAA Business Assessment Factors Paper (www.calassessor.org)

^{*} Not CAA Recommended

Factor Tables Chart (By Equipment Type) Lien Date 2020

Category	Table	Category	Table
Medical Equipment - High Tech	U8	Ski Lifts	C6
Medical Office and Clinics	C5	Storage Bins - Trash	C5
Mineral & Construction Aggregate Extraction	A6	Sugar and Sugar Product Mfg.	A6
Model Home Furniture	* C3	Telephone & Communication	C4
Mortuaries	C6	Testing Equipment	C3
Newspaper Publisher	A4	Textile Mill Products Manufacturing	A4
Office Furniture and Equipment	C5	Theatres - Excluding Projectors	C6
One Way Pagers & Mobile Phones	U4	Theatres - Digital Projectors	U10
Paper Product Manufacturing	A4	Tools/Tooling	C1
Petroleum-Refinery	* A10	Vending Equipment	C3
Photo Labs - Commercial	C4	Video Games (Arcades)	U4
Photo Labs - One Hour	C3	Warehouse Equipment	C6
Plastics Manufacturing	A4	Wind Generators (Mfg before 2000)	* W
Point-of-Sale	U8	Wind Generators (Mfg after 2000)	* A6
Postage Meters	C4	Wind Machines - Agricultural	C22
Print Shop	C5	Winery (All other Eq except Tanks)	A4
Printing Presses (Offset Lithographic)	C31	Winery Tanks - Stanless Steel	A7
Production Printers (High Speed)	U8		
Propane Tanks	C8	Original Tables	
Radio/TV Broadcast Studios	(No CAA Recom)		
Recyclers	A4	Misc. Buildings & Land Improvemts.	K
Restaurants - Fast Food Chains	C5	Major Buildings and Structures	L
Restaurants - Regular	C5	100% Value Business Property	N
Retail Store - Warehouse	C6	50% Restaurant Chinaware	R
Retail Store - Other	C5	100% Realty Responsibility	T
Sand/Dirt/Gravel Suppliers	C6	Prop 13 Annual 2% Improvements	Υ
Satellite Dishes - Residential	U6		
Schools	C5		
Security & Surveillance Equipment	C4		
Semiconductor Mfg. Equip	A8		
Semiconductor Mfg. Fixutures	A12		
Service Stations (Underground Tanks)	C8		
Service Stations (All Other Equip)	C5		
Set Top Boxes (Cable Satellite)	C32		
Sheet Metal Mfg.	A4		
Ship and Boat Builders	A4		
Shopping Carts	C1		
Signs	C5		

Table A1 CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 8 yrs. Min. Percent Good Factor: 9%.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
	1 40101	1 40101	<u> </u>
2019	100	0.88	88
2018	103	0.76	78
2017	106	0.65	69
2016	107	0.54	58
2015	107	0.43	46
2014	108	0.33	36
2013	109	0.25	27
2012	110	0.18	20
2011	112	0.12	13
2010	115	0.09	10
Prior	115	0.09	10

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 10 yrs. Min. Percent Good Factor: 9%.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.91	91
2018	103	0.82	84
2017	106	0.73	77
2016	107	0.63	67
2015	107	0.55	59
2014	108	0.46	50
2013	109	0.38	41
2012	110	0.31	34
2011	112	0.24	27
2010	115	0.19	22
2009	115	0.14	16
2008	116	0.11	13
2007	121	0.09	11
Prior	121	0.09	11

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 12 yrs. Min. Percent Good Factor: 9%.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.93	93
2018	103	0.85	88
2017	106	0.78	83
2016	107	0.70	75
2015	107	0.63	67
2014	108	0.56	60
2013	109	0.49	53
2012	110	0.42	46
2011	112	0.35	39
2010	115	0.29	33
2009	115	0.24	28
2008	116	0.19	22
2007	121	0.15	18
2006	124	0.12	15
2005	128	0.10	13
Prior	128	0.09	12

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 15 yrs. Min. Percent Good Factor: 9%.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.95	95
2018	103	0.89	92
2017	106	0.83	88
2016	107	0.78	83
2015	107	0.72	77
2014	108	0.66	71
2013	109	0.60	65
2012	110	0.54	59
2011	112	0.49	55
2010	115	0.43	49
2009	115	0.38	44
2008	116	0.33	38
2007	121	0.28	34
2006	124	0.24	30
2005	128	0.20	26
2004	132	0.17	22
2003	137	0.14	19
2002	137	0.12	16
2001	138	0.10	14
Prior	138	0.09	12

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 17 yrs. Min. Percent Good Factor: 9%.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.95	95
2018	103	0.91	94
2017	106	0.86	91
2016	107	0.81	87
2015	107	0.76	81
2014	108	0.71	77
2013	109	0.66	72
2012	110	0.61	67
2011	112	0.56	63
2010	115	0.51	59
2009	115	0.46	53
2008	116	0.41	48
2007	121	0.37	45
2006	124	0.32	40
2005	128	0.28	36
2004	132	0.25	33
2003	137	0.21	29
2002	137	0.18	25
2001	138	0.15	21
2000	139	0.13	18
1999	140	0.11	15
1998	140	0.09	13
Prior	140	0.09	13

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 20 yrs. Min. Percent Good Factor: 9%.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.96	96
2018	103	0.93	96
2017	106	0.89	94
2016	107	0.85	91
2015	107	0.81	87
2014	108	0.77	83
2013	109	0.72	78
2012	110	0.68	75
2011	112	0.64	72
2010	115	0.60	69
2009	115	0.56	64
2008	116	0.51	59
2007	121	0.47	57
2006	124	0.43	53
2005	128	0.39	50
2004	132	0.36	48
2003	137	0.32	44
2002	137	0.29	40
2001	138	0.25	35
2000	139	0.22	31
1999	140	0.20	28
1998	141	0.17	24
1997	143	0.15	21
1996	145	0.13	19
1995	148	0.12	18
1994	148	0.10	15
Prior	148	0.09	13

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 40 yrs. Min. % Good Factor: 9% (if applicable)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2040	400	0.00	
2019	100	0.99	99
2018	103 106	0.98	101 102
2017 2016	107	0.96 0.95	102
2015	107	0.94	102
2013	107	0.94	99
2013	109	0.92	99
2013	110	0.89	98
2012	112	0.88	99
2010	115	0.86	99
2009	115	0.85	98
2009	116	0.83	96
2007	121	0.82	99
2006	124	0.80	99
2005	128	0.78	100
2004	132	0.77	102
2003	137	0.75	103
2002	137	0.73	100
2001	138	0.71	98
2000	139	0.69	96
1999	140	0.67	94
1998	141	0.65	92
1997	143	0.63	90
1996	145	0.62	90
1995	148	0.60	89
1994	152	0.58	88
1993	156	0.56	87
1992	158	0.54	85
1991	161	0.51	82
1990	165	0.50	83
1989	170	0.47	80
1988	178	0.45	80
1987	186	0.43	80
1986	189	0.42	79
1985	192	0.39	75
1984	197	0.38	75
1983	201	0.36	72
1982	205	0.34	70
1981	216	0.32	69
1980	238	0.31	74
Prior	238	0.31	74

CONTRA COSTA COUNTY

Semiconductor Manufacturing Equipment

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Semiconductor Manufacturing Equipment AH 581 Table 8

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	78
2018	N/A	N/A	61
2017	N/A	N/A	46
2016	N/A	N/A	34
2015	N/A	N/A	25
2014	N/A	N/A	18
2013	N/A	N/A	12
Prior	N/A	N/A	8

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 25 yrs. Min. % Good Factor: 9%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.97	97
2018	103	0.95	98
2017	106	0.92	98
2016	107	0.89	95
2015	107	0.86	92
2014	108	0.83	90
2013	109	0.80	87
2012	110	0.77	85
2011	112	0.74	83
2010	115	0.70	81
2009	115	0.67	77
2008	116	0.64	74
2007	121	0.61	74
2006	124	0.57	71
2005	128	0.54	69
2004	132	0.51	67
2003	137	0.48	66
2002	137	0.44	60
2001	138	0.41	57
2000	139	0.38	53
1999	140	0.35	49
1998	141	0.32	45
1997	143	0.29	41
1996	145	0.27	39
1995	148	0.24	36
1994	152	0.22	33
1993	156	0.20	31
1992	158	0.18	28
1991	161	0.16	26
1990	165	0.15	25
1989	170	0.13	22
1988	170	0.12	20
1987	170	0.11	19
1986	170	0.09	15
Prior	170	0.09	15

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 30 yrs. Min. % Good Factor: 9% (if applicable)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.98	98
2018	103	0.96	99
2017	106	0.94	100
2016	107	0.92	98
2015	107	0.9	96
2014	108	0.87	94
2013	109	0.85	93
2012	110	0.83	91
2011	112	8.0	90
2010	115	0.78	90
2009	115	0.75	86
2008	116	0.73	85
2007	121	0.7	85
2006	124	0.67	83
2005	128	0.65	83
2004	132	0.62	82
2003	137	0.59	81
2002	137	0.57	78
2001	138	0.54	75
2000	139	0.51	71
1999	140	0.49	69
1998	141	0.46	65
1997	143	0.43	61
1996	145	0.41	59
1995	148	0.38	56
1994	152	0.35	53
1993	156	0.33	51
1992	158	0.31	49
1991	161	0.28	45
1990	165	0.26	43
1989	170	0.24	41
1988	178	0.22	39
1987	186	0.21	39
1986	189	0.19	36
1985	192	0.17	33
1984	197	0.16	32
1983	201	0.15	30
1982	205	0.13	27
1981	205	0.13	27
1980	205	0.11	23
Prior	205	0.11	23

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Industrial, Life: 35 yrs. Mln % Good: 9% (if applicable)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.98	98
2018	103	0.97	100
2017	106	0.95	101
2016	107	0.94	101
2015	107	0.92	98
2014	108	0.90	97
2013	109	0.88	96
2012	110	0.87	96
2011	112	0.85	95
2010	115	0.83	95
2009	115	0.81	93
2008	116	0.79	92
2007	121	0.77	93
2006	124	0.75	93
2005	128	0.72	92
2004	132	0.70	92
2003	137	0.68	93
2002	137	0.66	90
2001	138	0.64	88
2000	139	0.61	85
1999	140	0.59	83
1998	141	0.57	80
1997	143	0.54	77
1996	145	0.52	75
1995	148	0.50	74
1994	152	0.48	73
1993	156	0.45	70
1992	158	0.43	68
1991	161	0.41	66
1990	165	0.38	63
1989	170	0.36	61
1988	178	0.34	61
1987	186	0.32	60
1986	189	0.30	57
1985	192	0.28	54
1984	197	0.26	51
1983	201	0.24	48
1982	205	0.23	47
1981	216	0.22	48
1980	238	0.20	48
Prior	238	0.20	48

CONTRA COSTA COUNTY

Semiconductor Manufacturing Fixtures

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Semiconductor Manufacturing Fixtures AH 581 Table 8

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	91
2018	N/A	N/A	84
2017	N/A	N/A	77
2016	N/A	N/A	67
2015	N/A	N/A	59
2014	N/A	N/A	50
2013	N/A	N/A	41
2012	N/A	N/A	34
2011	N/A	N/A	27
2010	N/A	N/A	22
2009	N/A	N/A	16
2008	N/A	N/A	13
2007	N/A	N/A	12
Prior	N/A	N/A	12

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 5 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.80	80
2018	104	0.61	63
2017	107	0.43	46
2016	109	0.28	31
2015	109	0.17	19
2014	110	0.10	11
Prior	110	0.10	11

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 6 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.84	84
2018	104	0.68	71
2017	107	0.52	56
2016	109	0.38	41
2015	109	0.26	28
2014	110	0.17	19
2013	111	0.10	11
2012	112	0.10	11
Prior	112	0.10	11

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 8 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.88	88
2018	104	0.76	79
2017	107	0.65	70
2016	109	0.54	59
2015	109	0.43	47
2014	110	0.33	36
2013	111	0.25	28
2012	112	0.18	20
2011	115	0.12	14
2010	119	0.10	12
Prior	119	0.10	12

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 10 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.91	91
2018	104	0.82	85
2017	107	0.73	78
2016	109	0.63	69
2015	109	0.55	60
2014	110	0.46	51
2013	111	0.38	42
2012	112	0.31	35
2011	115	0.24	28
2010	119	0.19	23
2009	118	0.14	17
2008	122	0.11	13
2007	126	0.10	13
Prior	126	0.10	13

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 12 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.93	93
2018	104	0.85	88
2017	107	0.78	83
2016	109	0.70	76
2015	109	0.63	69
2014	110	0.56	62
2013	111	0.49	54
2012	112	0.42	47
2011	115	0.35	40
2010	119	0.29	35
2009	118	0.24	28
2008	122	0.19	23
2007	126	0.15	19
2006	132	0.12	16
2005	137	0.10	14
Prior	137	0.10	14

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 15 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.95	95
2018	104	0.89	93
2017	107	0.83	89
2016	109	0.78	85
2015	109	0.72	78
2014	110	0.66	73
2013	111	0.60	67
2012	112	0.54	60
2011	115	0.49	56
2010	119	0.43	51
2009	118	0.38	45
2008	122	0.33	40
2007	126	0.28	35
2006	132	0.24	32
2005	137	0.20	27
2004	147	0.17	25
2003	151	0.14	21
2002	154	0.12	18
2001	155	0.10	16
Prior	155	0.10	16

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 20 yrs. Min. Percent Good Factor: 10%

Effective	Trend	%Good	Full
Year	Factor	<u>Factor</u>	Value Factor
0040	400		22
2019	100	0.96	96
2018	104	0.93	97
2017	107	0.89	95
2016	109	0.85	93
2015	109	0.81	88
2014	110	0.77	85
2013	111	0.72	80
2012	112	0.68	76
2011	115	0.64	74
2010	119	0.60	71
2009	118	0.56	66
2008	122	0.51	62
2007	126	0.47	59
2006	132	0.43	57
2005	137	0.39	53
2004	147	0.36	53
2003	151	0.32	48
2002	154	0.29	45
2001	155	0.25	39
2000	156	0.22	34
1999	159	0.20	32
1998	159	0.17	27
1997	160	0.15	24
1996	163	0.13	21
1995	165	0.12	20
1994	165	0.10	17
Prior	165	0.10	17

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 25 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.97	97
2018	104	0.95	99
2017	107	0.92	98
2016	109	0.89	97
2015	109	0.86	94
2014	110	0.83	91
2013	111	0.80	89
2012	112	0.77	86
2011	115	0.74	85
2010	119	0.70	83
2009	118	0.67	79
2008	122	0.64	78
2007	126	0.61	77
2006	132	0.57	75
2005	137	0.54	74
2004	147	0.51	75
2003	151	0.48	72
2002	154	0.44	68
2001	155	0.41	64
2000	156	0.38	59
1999	159	0.35	56
1998	159	0.32	51
1997	160	0.29	46
1996	163	0.27	44
1995	165	0.24	40
1994	171	0.22	38
1993	176	0.20	35
1992	180	0.18	32
1991	182	0.16	29
1990	186	0.15	28
1989	191	0.13	25
1988	191	0.12	23
1987	191	0.11	21
1986	191	0.11	21
Prior	191	0.11	21

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 40 yrs. Min. % Good: 10% (if applicable)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.99	99
2018	104	0.98	102
2017	107	0.96	103
2016	109	0.95	104
2015	109	0.94	102
2014	110	0.92	101
2013	111	0.91	101
2012	112	0.89	100
2012	115	0.88	101
2010	119	0.86	102
2009	118	0.85	100
2008	122	0.83	101
2007	126	0.82	103
2006	132	0.80	106
2005	137	0.78	107
2004	147	0.77	113
2003	151	0.75	113
2002	154	0.73	112
2001	155	0.71	110
2000	156	0.69	108
1999	159	0.67	107
1998	159	0.65	103
1997	160	0.63	101
1996	163	0.62	101
1995	165	0.60	99
1994	171	0.58	99
1993	176	0.56	99
1992	180	0.54	97
1991	182	0.51	93
1990	186	0.50	93
1989	191	0.47	90
1988	200	0.45	90
1987	209	0.43	90
1986	213	0.42	89
1985	215	0.39	84
1984	218	0.38	83
1983	225	0.36	81
1982	230	0.34	78
1981	240	0.32	77
1980	263	0.31	82
PRIOR	263	0.31	82

CONTRA COSTA COUNTY

Agricultural Equipment

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural, Life: 15 Yrs. Min. % Good Factor: 11%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.95	95
2018	103	0.89	92
2017	105	0.83	87
2016	106	0.78	83
2015	107	0.72	77
2014	108	0.66	71
2013	110	0.60	66
2012	111	0.54	60
2011	113	0.49	55
2010	117	0.43	50
2009	119	0.38	45
2008	123	0.33	41
2007	129	0.28	36
2006	133	0.24	32
2005	136	0.20	27
2004	143	0.17	24
2003	148	0.14	21
2002	150	0.12	18
2001	152	0.11	17
Prior	152	0.11	17

CONTRA COSTA COUNTY

Construction Equipment

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Construction, Life: 12 yrs. Min. % Good Factor: 11% (Use Fixed Agricultual Equipment Min. % Good Factor)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.93	93
2018	105	0.85	89
2017	105	0.78	82
2016	106	0.70	74
2015	107	0.63	67
2014	109	0.56	61
2013	110	0.49	54
2012	113	0.42	47
2011	118	0.35	41
2010	122	0.29	35
2009	122	0.24	29
2008	126	0.19	24
2007	130	0.15	20
2006	133	0.12	16
2005	138	0.11	15
Prior	138	0.11	15

CONTRA COSTA COUNTY

Construction Mobile Equipment (New)

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Construction. Construction Mobile Equipment New (AH581 Table 5)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.74	74
2018	105	0.66	69
2017	105	0.60	63
2016	106	0.55	58
2015	107	0.51	55
2014	109	0.47	51
2013	110	0.42	46
2012	113	0.38	43
2011	118	0.35	41
2010	122	0.31	38
2009	122	0.28	34
2008	126	0.26	33
2007	130	0.24	31
2006	133	0.22	29
2005	138	0.20	28
2004	147	0.19	28
2003	152	0.16	24
2002	154	0.13	20
2001	156	0.12	19
2000	157	0.11	17
Prior	157	0.11	17

CONTRA COSTA COUNTY

Construction Mobile Equipment (Used)

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Construction. Life: Construction Mobile Equipment Used (AH581 Table 5).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.91	91
2018	105	0.81	85
2017	105	0.74	78
2016	106	0.68	72
2015	107	0.62	66
2014	109	0.58	63
2013	110	0.52	57
2012	113	0.47	53
2011	118	0.43	51
2010	122	0.38	46
2009	122	0.34	41
2008	126	0.32	40
2007	130	0.29	38
2006	133	0.27	36
2005	138	0.25	35
2004	147	0.23	34
2003	152	0.20	30
2002	154	0.17	26
2001	156	0.13	20
2000	157	0.11	17
1999	158	0.09	14
Prior	158	0.09	14

CONTRA COSTA COUNTY

Biotechnology Machinery & Equipment

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Biopharmaceutical Machinery & Equipment (Full Value Factors Given Only), Life: (AH581 Table 9)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	85
2018	N/A	N/A	71
2017	N/A	N/A	57
2016	N/A	N/A	42
2015	N/A	N/A	30
2014	N/A	N/A	19
2013	N/A	N/A	12
2012	N/A	N/A	11
Prior	N/A	N/A	11

CONTRA COSTA COUNTY

Biotechnology Other Equipment/Fixtures

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Biopharmaceutical Other Equipment/Fixtures (Full Value Factors Given Only), Life: (AH581 Table 9).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	92
2018	N/A	N/A	85
2017	N/A	N/A	80
2016	N/A	N/A	71
2015	N/A	N/A	61
2014	N/A	N/A	53
2013	N/A	N/A	44
2012	N/A	N/A	36
2011	N/A	N/A	29
2010	N/A	N/A	23
2009	N/A	N/A	17
2008	N/A	N/A	13
Prior	N/A	N/A	12

CONTRA COSTA COUNTY

Biotechnology Tools, Molds, Dies, Jigs

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Biopharmaceutical Tools, Molds, Dies, Jigs (Full Value Factors Given Only), Life: AH581 Table 9.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	89
2018	N/A	N/A	80
2017	N/A	N/A	71
2016	N/A	N/A	60
2015	N/A	N/A	48
2014	N/A	N/A	38
2013	N/A	N/A	28
2012	N/A	N/A	21
2011	N/A	N/A	15
2010	N/A	N/A	12
Prior	N/A	N/A	12

CONTRA COSTA COUNTY

BUSINESS LHI FROM IMPS

2020-2021

Factors are based on AH581. Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors. Trend: Commercial, Life: 15 Yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.95	95
2018	104	0.89	93
2017	107	0.83	89
2016	109	0.78	85
2015	109	0.72	78
2014	110	0.66	73
2013	111	0.60	67
2012	112	0.54	60
2011	115	0.49	56
2010	119	0.43	51
2009	118	0.38	45
2008	122	0.33	40
2007	126	0.28	35
2006	132	0.24	32
2005	137	0.20	27
2004	147	0.17	25
2003	151	0.14	21
2002	154	0.12	18
2001	155	0.10	16
Prior	155	0.10	16

CONTRA COSTA COUNTY

Computers - LAN (Local Area Network) & Mainframes

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Computer Valuation Factors (Full Value Factors Given Only), Life: AH581 Table 7

Effective	Trend	%Good	Full
Year	Factor	Factor	Value Factor
2019	N/A	N/A	73
2018	N/A	N/A	47
2017	N/A	N/A	30
2016	N/A	N/A	19
2015	N/A	N/A	12
2014	N/A	N/A	8
2013	N/A	N/A	5
2012	N/A	N/A	3
2011	N/A	N/A	2
Prior	N/A	N/A	2

CONTRA COSTA COUNTY

Computers - Personal Computers

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Computer Valuation Factors (Full Value Factors Given Only), Life: AH581 Table 7

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	54
2018	N/A	N/A	39
2017	N/A	N/A	24
2016	N/A	N/A	15
2015	N/A	N/A	10
2014	N/A	N/A	6
2013	N/A	N/A	4
2012	N/A	N/A	2
Prior	N/A	N/A	2

CONTRA COSTA COUNTY

Agricultural Mobile Equipment (New) - Except Harvesters

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural. Life: Agricultural Mobile Equipment New (AH581 Table 6).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.78	78
2018	103	0.70	72
2017	105	0.64	67
2016	106	0.58	61
2015	107	0.52	56
2014	108	0.47	51
2013	110	0.42	46
2012	111	0.38	42
2011	113	0.34	38
2010	117	0.30	35
2009	119	0.27	32
2008	123	0.25	31
2007	129	0.23	30
2006	133	0.22	29
2005	136	0.20	27
2004	143	0.18	26
Prior	143	0.18	26

CONTRA COSTA COUNTY

Agricultural Mobile Equipment (Used) - Except Harvesters

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural. Life: Agricultural Mobile Equipment Used (AH581 Table 6).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.92	92
2018	103	0.82	84
2017	105	0.75	79
2016	106	0.68	72
2015	107	0.62	66
2014	108	0.56	60
2013	110	0.50	55
2012	111	0.45	50
2011	113	0.40	45
2010	117	0.36	42
2009	119	0.32	38
2008	123	0.30	37
2007	129	0.28	36
2006	133	0.26	35
2005	136	0.23	31
2004	143	0.21	30
2003	148	0.19	28
2002	150	0.17	26
Prior	150	0.17	26

CONTRA COSTA COUNTY

Wind Machines (Agricultural) - for Vineyards

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural. Life: 25 Years. Min. % Good: 11% (Fixed Agricultural Equipment Min. % Good Factor)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.97	97
2018	103	0.95	98
2017	105	0.92	97
2016	106	0.89	94
2015	107	0.86	92
2014	108	0.83	90
2013	110	0.80	88
2012	111	0.77	85
2011	113	0.74	84
2010	117	0.70	82
2009	119	0.67	80
2008	123	0.64	79
2007	129	0.61	79
2006	133	0.57	76
2005	136	0.54	73
2004	143	0.51	73
2003	148	0.48	71
2002	150	0.44	66
2001	152	0.41	62
2000	155	0.38	59
1999	156	0.35	55
1998	158	0.32	51
1997	160	0.29	46
1996	162	0.27	44
1995	166	0.24	40
1994	174	0.22	38
1993	178	0.20	36
1992	184	0.18	33
1991	189	0.16	30
1990	195	0.15	29
1989	202	0.13	26
1988	202	0.12	24
1987	202	0.11	22
Prior	202	0.11	22

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 7 yrs. Minimum

Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.86	86
2018	104	0.73	76
2017	107	0.59	63
2016	109	0.47	51
2015	109	0.35	38
2014	110	0.25	28
2013	111	0.18	20
2012	112	0.12	13
2011	115	0.10	12
Prior	115	0.10	12

CONTRA COSTA COUNTY

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Commercial, Life: 9 yrs. Minimum

Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.90	90
2018	104	0.79	82
2017	107	0.69	74
2016	109	0.59	64
2015	109	0.49	53
2014	110	0.40	44
2013	111	0.32	36
2012	112	0.24	27
2011	115	0.18	21
2010	119	0.13	15
2009	118	0.10	12
Prior	118	0.10	12

CONTRA COSTA COUNTY

COPIERS (Document Processor Equipment) 2020-2021

Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Document Processor Valuation Factors AH581 Table 10. Minimum % Good: 10%

Effective	Trend	%Good	Full
Year	Factor	Factor	Value Factor
2019	N/A	0.58	0.58
2018	N/A	0.47	0.47
2017	N/A	0.32	0.32
2016	N/A	0.28	0.28
2015	N/A	0.23	0.23
2014	N/A	0.19	0.19
2013	N/A	0.15	0.15
2012	N/A	0.13	0.13
2011	N/A	0.10	0.10
2010	N/A	0.10	0.10
Prior	N/A	0.10	0.10

CONTRA COSTA COUNTY

Construction Mobile Equipment (Average)

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Construction. % Good: Construction Mobile Equipment Average (AH581 Table 5)

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.83	83
2018	105	0.74	78
2017	105	0.67	70
2016	106	0.62	66
2015	107	0.57	61
2014	109	0.53	58
2013	110	0.47	52
2012	113	0.43	49
2011	118	0.39	46
2010	122	0.35	43
2009	122	0.31	38
2008	126	0.29	37
2007	130	0.27	35
2006	133	0.25	33
2005	138	0.23	32
2004	147	0.21	31
2003	152	0.18	27
2002	154	0.15	23
2001	156	0.13	20
2000	157	0.11	17
Prior	157	0.11	17

The above guidelines are applicable to operating equipment and do not establish maximum depreciation allowance. Additional depreciation may be considered on excessively deteriorated or obsolete items of equipment. Those items should be separately identified, and claims for additional depreciation be submitted and factually substantiated in writing with the property statement. All property in Contra Costa County is assessed at its value as required by law.

USE THIS TABLE WHEN TAXPAYER DOES NOT INDICATE WHETHER EQUIP PURCHASED WAS NEW OR USED (R&T 401.16)

CONTRA COSTA COUNTY

Agricultural Mobile Equipment (Average) - Except Harvesters

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural. Life: Agricultural Mobile Equipment Average (AH581 Table 6).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.85	85
2018	103	0.76	78
2017	105	0.70	74
2016	106	0.63	67
2015	107	0.57	61
2014	108	0.52	56
2013	110	0.46	51
2012	111	0.42	47
2011	113	0.37	42
2010	117	0.33	39
2009	119	0.30	36
2008	123	0.28	34
2007	129	0.26	34
2006	133	0.24	32
2005	136	0.22	30
2004	143	0.20	29
Prior	143	0.20	29

The above guidelines are applicable to operating equipment and do not establish maximum depreciation allowance. Additional depreciation may be considered on excessively deteriorated or obsolete items of equipment. Those items should be separately identified, and claims for additional depreciation be submitted and factually substantiated in writing with the property statement. All property in Contra Costa County is assessed at its value as required by law.

USE THIS TABLE WHEN TAXPAYER DOES NOT INDICATE WHETHER EQUIP PURCHASED WAS NEW OR USED (R&T 401.16)

CONTRA COSTA COUNTY

Agricultural Mobile Equipment (New) - Harvesters

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural. Life: Agricultural Mobile Equipment New (AH581 Table 6).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.74	74
2018	103	0.64	66
2017	105	0.57	60
2016	106	0.50	53
2015	107	0.43	46
2014	108	0.38	41
2013	110	0.33	36
2012	111	0.29	32
2011	113	0.25	28
2010	117	0.21	25
2009	119	0.19	23
2008	123	0.17	21
2007	129	0.15	19
Prior	129	0.15	19

CONTRA COSTA COUNTY

Agricultural Mobile Equipment (Used) - Harvesters

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural. Life: Agricultural Mobile Equipment Used (AH581 Table 6).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.90	90
2018	103	0.78	80
2017	105	0.69	72
2016	106	0.60	64
2015	107	0.53	57
2014	108	0.46	50
2013	110	0.40	44
2012	111	0.35	39
2011	113	0.30	34
2010	117	0.26	30
2009	119	0.23	27
2008	123	0.21	26
2007	129	0.18	23
2006	133	0.16	21
2005	136	0.14	19
2004	143	0.14	20
Prior	143	0.14	20

CONTRA COSTA COUNTY

Agricultural Mobile Equipment (Average) - Harvesters

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: Agricultural. Life: Agricultural Mobile Equipment Average (AH581 Table 6).

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	100	0.82	82
2018	103	0.71	73
2017	105	0.63	66
2016	106	0.55	58
2015	107	0.48	51
2014	108	0.42	45
2013	110	0.37	41
2012	111	0.32	36
2011	113	0.28	32
2010	117	0.24	28
2009	119	0.21	25
2008	123	0.19	23
2007	129	0.17	22
Prior	129	0.17	22

The above guidelines are applicable to operating equipment and do not establish maximum depreciation allowance. Additional depreciation may be considered on excessively deteriorated or obsolete items of equipment. Those items should be separately identified, and claims for additional depreciation be submitted and factually substantiated in writing with the property statement. All property in Contra Costa County is assessed at its value as required by law.

USE THIS TABLE WHEN TAXPAYER DOES NOT INDICATE WHETHER EQUIP PURCHASED WAS NEW OR USED (R&T 401.16)

CONTRA COSTA COUNTY

Offset Lithographic Printing Presses (Sheet Fed)

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Offset Lithographic Printing Presses (Full Value Factors Given Only), Life: AH581 Table 11. Do not use this table for plateless/non-impact (digital/quick printing) and web fed printing presses. Also do not use for "pre-press" or "post-press" equipment.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	91
2018	N/A	N/A	82
2017	N/A	N/A	74
2016	N/A	N/A	66
2015	N/A	N/A	58
2014	N/A	N/A	50
2013	N/A	N/A	43
2012	N/A	N/A	37
2011	N/A	N/A	31
2010	N/A	N/A	23
2009	N/A	N/A	20
2008	N/A	N/A	17
2007	N/A	N/A	13
Prior	N/A	N/A	10

CONTRA COSTA COUNTY

Set Top Boxes

2020-2021

Factors are based on CAA Position Paper 17-001. Used on set top boxes used in cable and satellite television. Lifing study completed by CAA in August 2015. Minimum % Good: 2%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	68
2018	N/A	N/A	47
2017	N/A	N/A	31
2016	N/A	N/A	19
2015	N/A	N/A	11
2014	N/A	N/A	6
2013	N/A	N/A	2
Prior	N/A	N/A	2

CONTRA COSTA COUNTY

Electronic Slot Machines

2020-2021

Factors are based on CAA Position Paper 17-001 and using the State of Nevada Department of Taxation Personal Property Manual, Section 71.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	72
2018	N/A	N/A	52
2017	N/A	N/A	37
2016	N/A	N/A	27
2015	N/A	N/A	20
2014	N/A	N/A	13
2013	N/A	N/A	5
Prior	N/A	N/A	5

CONTRA COSTA COUNTY

Manual Slot Machines & Other Gaming Equipment

2020-2021

Factors are based on CAA Position Paper 17-001 and using the State of Nevada Department of Taxation Personal Property Manual, Section 71.

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	N/A	88
2018	N/A	N/A	77
2017	N/A	N/A	67
2016	N/A	N/A	58
2015	N/A	N/A	51
2014	N/A	N/A	45
2013	N/A	N/A	40
2012	N/A	N/A	36
2011	N/A	N/A	31
2010	N/A	N/A	27
2009	N/A	N/A	23
2008	N/A	N/A	19
2007	N/A	N/A	16
2006	N/A	N/A	11
2005	N/A	N/A	7
Prior	N/A	N/A	7

CONTRA COSTA COUNTY

Untrended - 4 Yrs.

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: None, Life: 4 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good <u>Factor</u>	Full Value Factor
2019		0.75	0.75
2018	N/A	0.51	0.51
2017	N/A	0.31	0.31
2016	N/A	0.16	0.16
2015	N/A	0.10	0.10
Prior	N/A	0.10	0.10

CONTRA COSTA COUNTY

Untrended - 5 Yrs.

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: None, Life: 5 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend <u>Factor</u>	%Good Factor	Full Value Factor
0040	NI/A	0.00	0.00
2019	N/A	0.80	0.80
2018	N/A	0.61	0.61
2017	N/A	0.43	0.43
2016	N/A	0.28	0.28
2015	N/A	0.17	0.17
2014	N/A	0.10	0.10
Prior	N/A	0.10	0.10

CONTRA COSTA COUNTY

Untrended - 6 Yrs.

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: None, Life: 6 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
2019	N/A	0.84	0.84
2018	N/A	0.68	0.68
2017	N/A	0.52	0.52
2016	N/A	0.38	0.38
2015	N/A	0.26	0.26
2014	N/A	0.17	0.17
2013	N/A	0.10	0.10
2012	N/A	0.10	0.10
Prior	N/A	0.10	0.10

CONTRA COSTA COUNTY

Untrended - 8 Yrs.

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: None, Life: 8 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
T Cal			Value I actor
2019	N/A	0.88	0.88
2018	N/A	0.76	0.76
2017	N/A	0.65	0.65
2016	N/A	0.54	0.54
2015	N/A	0.43	0.43
2014	N/A	0.33	0.33
2013	N/A	0.25	0.25
2012	N/A	0.18	0.18
2011	N/A	0.12	0.12
2010	N/A	0.10	0.10
Prior	N/A	0.10	0.10

CONTRA COSTA COUNTY

Untrended - 10 Yrs.

2020-2021

Factors are based on AH 581, Equipment Index and Percent Good Factors for the January 1st Lien Date. Full Value for this type of Equipment is based on the following factors: Trend: None, Life: 10 yrs. Min. Percent Good Factor: 10%

Effective Year	Trend Factor	%Good Factor	Full Value Factor
Teal	Factor	Facioi	value racioi
2019	N/A	0.91	0.91
2018	N/A	0.82	0.82
2017	N/A	0.73	0.73
2016	N/A	0.63	0.63
2015	N/A	0.55	0.55
2014	N/A	0.46	0.46
2013	N/A	0.38	0.38
2012	N/A	0.31	0.31
2011	N/A	0.24	0.24
2010	N/A	0.19	0.19
2009	N/A	0.14	0.14
2008	N/A	0.11	0.11
2007	N/A	0.10	0.10
Prior	N/A	0.10	0.10

Table K

CONTRA COSTA COUNTY

MISCELLANEOUS BUILDINGS AND LAND IMPROVEMENTS

2020-2021

The following table is based on the 1975 Year SBE Construction Cost Index (B-7) for Miscellaneous Buildings and Improvements, and an average 25 year economic Cost indexing and depreciation are consolidated into a present value factor with a 1975 base. These factors are further adjusted upward by the annual CPI percentage maximum allowed under article XIIIA of the California State Constitution. The result is a full value factor which is to be applied to historical cost for an estimate of full value.

Effective Year	1975 Full Value Factor	Jarvis-Gann <u>Factor</u>	Full Value Factor
2019	1.00	1.02000	1.02000
2018	1.00	1.04040	1.04040
2017	1.00	1.06121	1.06121
2016	1.00	1.08243	1.08243
2015	1.00	1.09895	1.09895
2014	1.00	1.12089	1.12089
2013	1.00	1.12599	1.12599
2012	1.00	1.14851	1.14851
2011	1.00	1.17148	1.17148
2010	1.00	1.18029	1.18029
2009	1.00	1.17750	1.17750
2008	1.00	1.20104	1.20104
2007	1.00	1.22508	1.22508
2006	1.00	1.24956	1.24956
2005	1.00	1.27456	1.27456
2004	1.00	1.30004	1.30004
2003	1.00	1.32433	1.32433
2002	1.00	1.35082	1.35082
2001	1.00	1.37783	1.37783
2000	1.00	1.40538	1.40538
1999	1.00	1.43348	1.43348
1998	1.00	1.46007	1.46007
1997	1.00	1.48927	1.48927
1996	1.00	1.51905	1.51905
1995	1.00	1.53581	1.53581
1994	1.00	1.55424	1.55424
1993	1.00	1.58534	1.58534
1992	1.00	1.61703	1.61703
1991	1.00	1.64916	1.64916
1990	1.00	1.68242	1.68242
1989	1.00	1.71571	1.71571
1988	1.00	1.74999	1.74999
1987	1.00	1.78522	1.78522
1986	1.00	1.82098	1.82098
1985	1.00	1.85720	1.85720

1984	1.00	1.89431	1.89431
1983	1.00	1.93238	1.93238
1982	1.00	1.95150	1.95150
1981	1.00	1.99048	1.99048
1980	1.00	2.03034	2.03034
1979	1.00	2.07108	2.07108
1978	1.00	2.11255	2.11255
1977	1.00	2.15444	2.15444
1976	1.00	2.19770	2.19770
1975	1.10	2.24177	2.46595
1974	1.13	2.24177	2.53320
1973	1.18	2.24177	2.64529
1972	1.22	2.24177	2.73496
1971	1.21	2.24177	2.71254
1970	1.19	2.24177	2.66771
1969	1.21	2.24177	2.71254
1968	1.18	2.24177	2.64529
1967	1.15	2.24177	2.57804
1966	1.09	2.24177	2.44353
1965	1.05	2.24177	2.35386
1964	0.99	2.24177	2.21935
1963	0.97	2.24177	2.17452
1962	0.93	2.24177	2.08485
1961	0.93	2.24177	2.08485
1960	0.95	2.24177	2.12968
1959	0.95	2.24177	2.12968
1958	0.96	2.24177	2.15210
1957	0.99	2.24177	2.21935
Prior	1.02	2.24177	2.28661

Table L

CONTRA COSTA COUNTY

MAJOR BUILDINGS & STRUCTURES

2020-2021

The following table is based on the 1975 Year SBE Composite Construction Cost indexes (B2-6) for Major Buildings and construction types, and an average 40 year economic life Cost indexing and depreciation are consolidated into a present value factor with a 1975 base. These factors are further adjusted upward by the annual CPI percentage maximum allowed under article XIIIA of the California State Constitution. The result is a full value factor which is to be applied to historical cost for an estimate of full value.

Effective	1975 Full	Jarvis-Gann	Full
Year	Value Factor	Factor	Value Factor
2019	1.00	1.02000	1.02000
2018	1.00	1.04040	1.04040
2017	1.00	1.06121	1.06121
2016	1.00	1.08243	1.08243
2015	1.00	1.09895	1.09895
2014	1.00	1.12089	1.12089
2013	1.00	1.12599	1.12599
2012	1.00	1.14851	1.14851
2011	1.00	1.17148	1.17148
2010	1.00	1.18029	1.18029
2009	1.00	1.17750	1.17750
2008	1.00	1.20104	1.20104
2007	1.00	1.22508	1.22508
2006	1.00	1.24956	1.24956
2005	1.00	1.27456	1.27456
2004	1.00	1.30004	1.30004
2003	1.00	1.32433	1.32433
2002	1.00	1.35082	1.35082
2001	1.00	1.37783	1.37783
2000	1.00	1.40538	1.40538
1999	1.00	1.43348	1.43348
1998	1.00	1.46007	1.46007
1997	1.00	1.48927	1.48927
1996	1.00	1.51905	1.51905
1995	1.00	1.53581	1.53581
1994	1.00	1.55424	1.55424
1993	1.00	1.58534	1.58534
1992	1.00	1.61703	1.61703
1991	1.00	1.64916	1.64916
1990	1.00	1.68242	1.68242
1989	1.00	1.71571	1.71571
1988	1.00	1.74999	1.74999
1987	1.00	1.78522	1.78522
1986	1.00	1.82098	1.82098
1985	1.00	1.85720	1.85720

198	1.00	1.8943	1.89431
198	3 1.00	1.93238	1.93238
198	2 1.00	1.95150	1.95150
198	1.00		
198			2.03034
197			3 2.07108
197			2.11255
197			2.15444
197	6 1.00	2.19770	2.19770
197	′5 1.1°	I 2.24177	2.48836
197	'4 1.19	2.24177	
197	'3 1.2 [°]	7 2.24177	2.84705
197	2 1.3	5 2.24177	3.02639
197	'1 1.4°	1 2.24177	3.16090
197	0 1.4	5 2.24177	
196	9 1.49	2.24177	
196		5 2.24177	3.47474
196	7 1.58	3 2.24177	3.54200
196	66 1.5°	7 2.24177	3.51958
196	5 1.5 ⁻	7 2.24177	3.51958
196	i4 1.5	7 2.24177	3.51958
196	3 1.50	2.24177	3.49716
196	2 1.54	2.24177	3.45233
196	1.5	3 2.24177	3.42991
196	50 1.52	2.24177	3.40749
195	9 1.50	2.24177	3.36266
195	58 1.50	2.24177	3.36266
195	57 1.5 ₄	1 2.24177	3.45233
195	66 1.53	3 2.24177	3.42991
195	55 1.48	3 2.24177	3.31782
195	1.48	3 2.24177	3.31782
195	3 1.40	3 2.24177	3.27298
195	1.48	3 2.24177	3.31782
195	1.50	2.24177	3.36266
195	1.40	3 2.24177	3.27298
194	9 1.6	1 2.24177	3.60925
194	.8 1.90	2.24177	4.25936
194	7 2.10	3 2.24177	4.84222
194	.6 2.22	2.24177	4.97673
194	5 2.29	2.24177	5.13365
194			
194	3 2.48	3 2.24177	
Prid	or 2.68	3 2.24177	6.00794

Table N

CONTRA COSTA COUNTY

100% VALUE BUSINESS PROPERTY

Effective Year	Full Value Factor
2019	1.00
2018	1.00
2017	1.00
2016	1.00
2015	1.00
2014	1.00
2013	1.00
2012	1.00
2011	1.00
Prior	1.00

Table R

CONTRA COSTA COUNTY

50% RESTAURANT CHINAWARE

Effective	Full
Year	Value Factor
2019	0.50
2018	0.50
2017	0.50
2016	0.50
2015	0.50
2014	0.50
2013	0.50
2012	0.50
Prior	0.50

Table T

CONTRA COSTA COUNTY

100% REALTY RESPONSIBILITY

Effective Year	Full Value Factor
2019	0.00
2018	0.00
2017	0.00
2016	0.00
2015	0.00
2014	0.00
2013	0.00
2012	0.00
2011	0.00
2010	0.00
Prior	0.00

Table W

CONTRA COSTA COUNTY

WIND GENERATORS 15 YEAR SERVICE LIFE (CLASSIFY AS 100% FIXTURES)

Yr. of	Trend	% Good	Value
Acq.	Factor	<u>Factor</u>	Factor
2019	1.00	1.00	1.00
2018	1.00	0.95	0.95
2017	1.00	0.91	0.91
2016	0.99	0.85	0.84
2015	0.99	0.80	0.79
2014	0.98	0.75	0.74
2013	0.97	0.70	0.68
2012	0.94	0.64	0.60
2011	0.91	0.59	0.54
2010	0.88	0.53	0.47
2009	0.81	0.48	0.39
2008	0.74	0.42	0.31
2007	0.60	0.37	0.22
2006	0.46	0.32	0.15
Prior	0.28	0.32	0.09

Table Y

CONTRA COSTA COUNTY

100% PROPOSITION 13 ANNUAL 2% IMPROVEMENTS

Effective Year	Full Value Factor
2010	1 02000
2019 2018	1.02000 1.04040
2017	1.06121
2016	1.08243
2015	1.09895
2014	1.12089
2013	1.12599
2012	1.14851
2011	1.17148
2010	1.18029
2009	1.17750
2008	1.20104
2007 2006	1.22508 1.24956
2005	1.27456
2004	1.30004
2003	1.32433
2002	1.35082
2001	1.37783
2000	1.40538
1999	1.43348
1998	1.46007
1997	1.48927
1996	1.51905
1995	1.53581
1994 1993	1.55424 1.58534
1993	1.61703
1991	1.64916
1990	1.68242
1989	1.71571
1988	1.74999
1987	1.78522
1986	1.82098
1985	1.85720
1984	1.89431
1983	1.93238
1982	1.95150
1981 1980	1.99048 2.03034
1979	2.03034
1978	2.11255
1977	2.15444
1976	2.19770